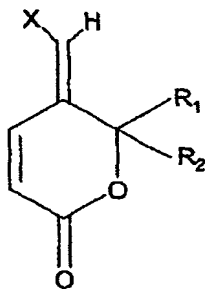


**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Original) A compound corresponding to formula (I):



I

in which

X represents chlorine, bromine or iodine, and

R<sub>1</sub> and R<sub>2</sub> represent, each independently of the other, a hydrogen atom, an alkyl, cycloalkyl or alkylene group, which is linear or branched, containing from 1 to 20 carbon atoms, optionally substituted with a hydroxyl, amino, ether or halogen group, or R<sub>1</sub> and R<sub>2</sub> form together a 5-, 6-, 7- or 8-membered ring, said ring being optionally substituted with a hydroxyl, amino, ether or halogen group,

including its isomers, its enantiomers, its diastereoisomers, and mixtures thereof.

2. (Original) The compound of formula (I) as claimed in claim 1, wherein X represents chlorine, bromine or iodine, and R<sub>1</sub> and R<sub>2</sub> represent, each independently of the other, a hydrogen atom, an alkyl or alkylene group, which is linear or branched, containing from 1 to 20 carbon atoms, optionally substituted with an ether or halogen group, or R<sub>1</sub> and R<sub>2</sub> form together a 5-, 6-, 7- or 8-membered ring, said ring being optionally substituted with an ether or halogen group.

3. (Currently amended) The compound of formula (I) as claimed in claim 1 ~~or 2~~, wherein X represents iodine.

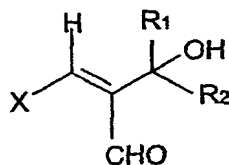
4. (Currently amended) The compound of formula (I) as claimed in ~~any one of claims 1 to 3, characterized in that~~ claim 1, wherein  $R_1$  and  $R_2$  each represent independently of each other a hydrogen atom, a methyl, ethyl, propyl or butyl group.

5. (Currently amended) The compound of formula (I) as claimed in ~~any one of claims 1 to 4, characterized in that~~ claim 1, wherein  $R_1$  and  $R_2$  each represent a methyl group.

6. (Currently amended) The compound of formula (I) as claimed in ~~any one of claims 1 to 5, characterized in that~~ claim 1, wherein it is iodomethylene-dimethyl-dihydropyranone.

7. (Currently amended) The compound of formula (I) as claimed in ~~any one of claims 1 to 6, characterized in that~~ claim 1, wherein it is the isomer E-iodomethylene-dimethyl-dihydropyranone.

8. (Currently amended) A method for preparing a compound of formula (I) as claimed in ~~any one of claims 1 to 7, characterized in that~~ claim 1, wherein a Horner-Emmons reaction is carried out by reacting an aldehyde of formula (IV)



IV

in which the meanings of X,  $R_1$  and  $R_2$  are those defined for the compound of formula (I) as claimed in claim 1,

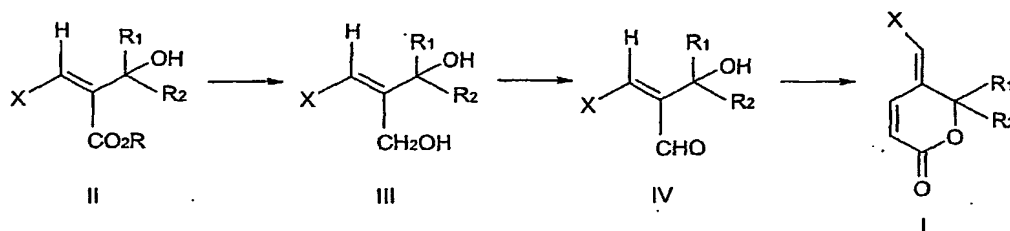
with a phosphonate such as methyl [bis(2,2,2-trifluoroethyl)phosphinoyl]acetate, followed by cyclization.

9. (Original) The method as claimed in claim 8, wherein the preparation of the compound of formula (I) is carried out in the presence of a base such as potassium carbonate

and a crown ether such as the crown ether 18-crown-6.

10. (Currently amended) The method as claimed in claim 8 ~~or 9~~, wherein the preparation of the compound of formula (I) from the compound of formula (IV) is preceded by the following steps:

- i) a compound of formula (II) is first of all reacted with a reducing agent such as lithium aluminum hydride, resulting in the formation of the corresponding primary alcohol (III), and then
- ii) the compound of formula (III) is reacted with an oxidizing agent such as manganese dioxide to give the corresponding aldehyde (IV)



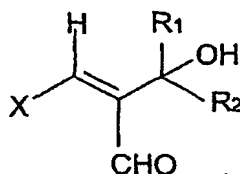
in which ~~the meanings of X, R<sub>1</sub> and R<sub>2</sub> are those defined above for the compound of formula (I) as claimed in claim 1;~~

X represents chlorine, bromine or iodine, and

R<sub>1</sub> and R<sub>2</sub> represent, each independently of the other, a hydrogen atom, an alkyl, cycloalkyl or alkylene group, which is linear or branched, containing from 1 to 20 carbon atoms, optionally substituted with a hydroxyl, amino, ether or halogen group, or R<sub>1</sub> and R<sub>2</sub> form together a 5-, 6-, 7- or 8-membered ring, said ring being optionally substituted with a hydroxyl, amino, ether or halogen group.

and R represents a linear alkyl group containing from 1 to 5 carbon atoms, such as a methyl or ethyl group.

11. (Currently amended) A compound corresponding to formula (IV):



IV

in which the meanings of X, R<sub>1</sub> and R<sub>2</sub> are those defined for the compound of formula (I) as claimed in claim 1 ~~or 2~~, including its isomers, its enantiomers, its diastereoisomers, and mixtures thereof.

12. (Currently amended) A medicament consisting of a compound of formula (I) as claimed in ~~any one of claims 1 to 7~~ claim 1.

13. (Currently amended) A pharmaceutical composition comprising a compound of formula (I) as claimed in ~~any one of claims 1 to 7~~ claim 1, in combination with any appropriate excipient.

14. (Original) The composition as claimed in claim 13, wherein it is intended to be administered by intravenous injection.

15. (Cancel)

16. (New) A method for treating cancer in a patient comprising administering to said patient the compound according to claim 1.